



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

652.7723
Job Sheet 216675

Accounting Job RD CAD A109 EFS



POSITIVE RECALL
DAS
9-89
EFFECTIVE DATE: DEC 17 2020
AUTH: 21
DAS
9-89
RELEASED: 55
DATE: DEC 21 2020
Priority: Medium

POSITIVE RECALL

Part No: 652.7723

Job Qty: 140 pcs

Part Name: Delrin .034 Groove



Part Weight: 0 lbs

Status: New

Job Created: 12/17/20

Job Tracking No:

Due Date: 12/18/20

Created By: Marie Lajeunesse

Type: R+D

Description:

Note: 652.7700 REV.PR11 IPP REV:A 20.12.16 NEW ISSUE DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard Setup Hrs	Run Hrs	Workcenter/Supplier	Sign-off
100	SL-154 - 1	140 pcs		12/18/20	0.50	4.00	SL-154 - 1	JB 20-12-17
110	QC 2	140 pcs		12/18/20	0.00	0.00	QC 2 - SCH-B	JB 20-12-17
120	QC 8	140 pcs		12/18/20	0.00	0.00	QC 8 - SCH-B	JB 20-12-17
130	Packaging 3-1 - Stock - B4B	140 pcs		12/18/20	0.00	0.00	Packaging 3 - 1 - B4B	DAS 69 9-89
140	QC 21 - SA	140 pcs		12/18/20	0.00	0.00	QC 21 - SA - SCH-B	DAS 28 9-89

Part Op 100 - 1-Machine as per folio FD433 FOLIO REV: AA DWG REV: PR11 2-Deburr
Descriptions: 110 - (QC2- Inspect parts off machine FAI/FAIB)
120 - (QC8- Inspect parts - second check)
130 - Identify as per dwg & Stock
140 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
MDELINR0.750	Delrin Round Bar 0.75" Color: Black	2.1000 ft (.015 ea)	100-SL-154 - 1	5306076

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-SL-154 - 1	MDELINR0.750	2	51	0

Part Specifications

Specifications could not be found.



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S322407



Part: 652.7723

Job No: 216675

Serial No/Batch: S322407

Revision: REV.PR11

Inspector:

Exp Date:

Instructions:

Date: 12/17/20

Plex 12/17/20 8:51 AM Dart.lajeunesse.marie

1 2 3 4 5 6 7 8

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NOTES:

- 1 MATERIAL: 3K 2X2 TWILL CARBON FIBER PREPREG, AXIOM AX-5112T
2. MANUFACTURE IAW MPP-145
- 3 MATERIAL: #120 E-GLASS EPOXY PREPREG WITH 48% RC;
- 4 USE 0.1190" REAMER
- 5 MATERIAL: PN: 600.0074, 1/16" GAROLITE G10 F4 IAW MIL-I-24768/27, UL 94V0
- 6 MATERIAL: DELRIN II 150E BAR STOCK, ASTM D6778POM 0211

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE RELEASE: PRX		
N/C	INITIAL RELEASE		

PR11

PR11

PROTOTYPE REVISIONS							
ZONE	REV.	DESCRIPTION	DATE	APPROVED	EFFECTIVITY	REASON CODE	REVISOR
-	PR1	INITIAL PROTOTYPE RELEASE	07-24-19	P. BRAVO	-	-	-
S1:C2-A7 S2	PR2	UPDATED WASHER DIMENSIONS, ADDED 12" PANEL	09-06-19	J. GARDINER	CURRENT ORDER	MDI	T. ARANDA
S1:D3	PR3	UPDATED WASHER DIMENSIONS	10-02-19	J. GARDINER	CURRENT ORDER	MDI	T. ARANDA
S1:C2-A7 S2	PR4	ADDED 652.7711, UPDATED 652.7710	01-06-20	Z. MUTTER	CURRENT ORDER	MDI	T. ARANDA
S1:D3-B4 S2:D3 S3:D6	PR5	UPDATED LAMINATE SCHEDULE FOR ALL PARTS, ADDED ID DIMENSION TO WASHERS ADDED SHEETS 2 AND 4	01-09-20	J. GARDINER	CURRENT ORDER	MDI	T. ARANDA
ALL	PR6	ADDED 652.7713 UPDATED DRAWING LAYOUT REVISED DELTA NOTES	04-13-20	Z. MUTTER	CURRENT ORDER	MDI	N. RIEMENSCHNEIDER
S4:A1	PR7	REVISED DIMENSIONS OF .7713	9-24-20	Z. MUTTER	CURRENT ORDER	T	A. FLORES
S5 S6 S7 S8 S9	PR8	ADDED 652.7714, 652.7715, 652.7716, 652.7717, ADDED DART PN TO GAROLITE MATERIAL	11-4-20	Z. MUTTER	CURRENT ORDER	MDI	N. RIEMENSCHNEIDER
S10 S11	PR9	ADDED 652.7718, 652.7719, 652.7721	11-10-20	Z. MUTTER	CURRENT ORDER	MDI	N. RIEMENSCHNEIDER
BOM SHT4-11 SHT 12	PR10	INCORPORATED NEW P/N 652.7722 INTO BOM, DELETED DUPLICATE DIM FOR OD	11-18-20	Z. MUTTER	CURRENT ORDER	MDI	E. CAHILL
BOM, NOTES SHT14-15	PR11	ADDED VIEWS FOR 652.7722 ADDED NEW P/N'S 652.7723 & 652.7724. ADDED DELTA NOTE 6	12-14-20	A. GUAN	CURRENT ORDER	MDI	E. CAHILL

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

NO. 216675 MW
201217

14	652.7724	DELTRIN .038 GROOVE	△	ASTM D6778POM 0211
13	652.7723	DELTRIN .034 GROOVE	△	ASTM D6778POM 0211
12	652.7722	G10 .160 NOTCHED AND SLOTTED FLOAT COVER WASHER	△	MIL-I- 24768/27, UL 94V0
11	652.7721	G10 .125 NOTCHED AND SLOTTED FLOAT COVER WASHER	△	MIL-I- 24768/27, UL 94V0
10	652.7719	G10 .110 NOTCHED AND SLOTTED FLOAT COVER WASHER	△	MIL-I- 24768/27, UL 94V0
9	652.7718	G10 .115 NOTCHED AND SLOTTED FLOAT COVER WASHER	△	MIL-I- 24768/27, UL 94V0
8	652.7717	G10 .092 SLOTTED FLOAT COVER WASHER	△	MIL-I- 24768/27, UL 94V0
7	652.7716	G10 .085 SLOTTED FLOAT COVER WASHER	△	MIL-I- 24768/27, UL 94V0
6	652.7715	G10 .150 NOTCHED AND SLOTTED FLOAT COVER WASHER	△	MIL-I- 24768/27, UL 94V0
5	652.7714	G10 .140 NOTCHED AND SLOTTED FLOAT COVER WASHER	△	MIL-I- 24768/27, UL 94V0
4	652.7713	G10 SLOTTED FLOAT COVER WASHER	△	MIL-I- 24768/27, UL 94V0
3	652.7711	SLOTTED FLOAT COVER WASHER	△△	
2	652.7720	12" PANEL	△△	
1	652.7710	FLOAT COVER WASHER	△△	
FIND #	PART #	DESCRIPTION	MAT'L	SPEC.

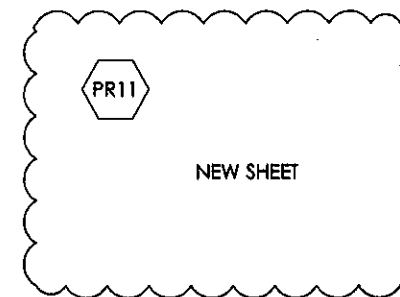
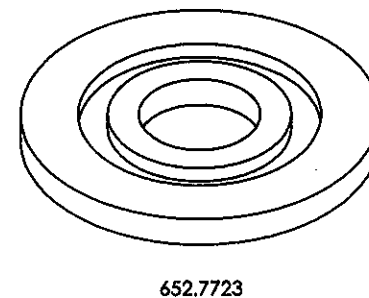
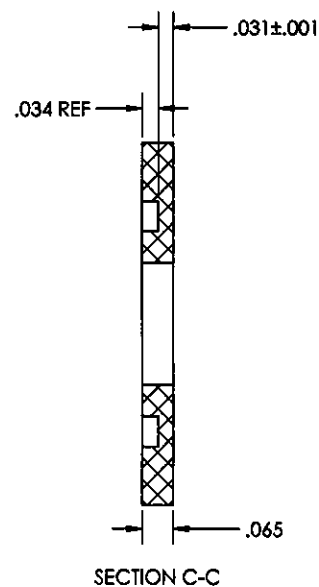
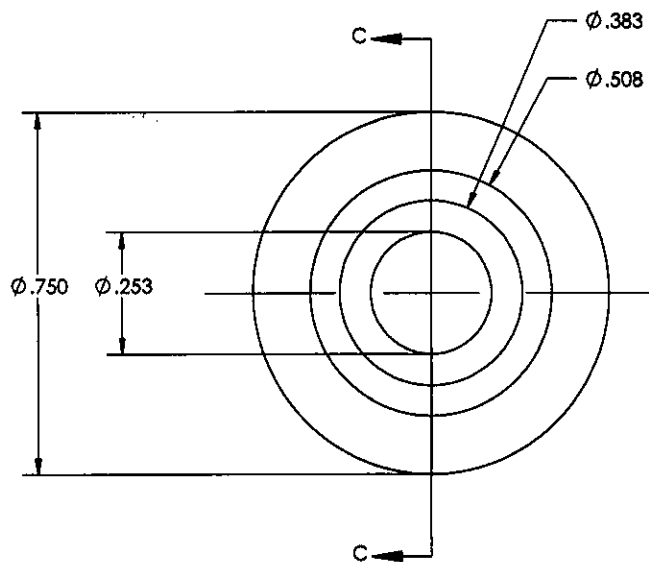
QTY		PARTS LIST	
NEXT ASSY (\$)	652.2300	ORIGINAL DATE 07-24-19	07-24-19
652.2300		DRAWN BY J. BRAVO	07-24-19
652.2400		DESIGNED BY P. BRAVO	07-24-19
		APPROVED BY P. BRAVO	07-24-19
		CONTRACT NO.	
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ± .01 3 PLACE DECIMALS ± .005 ANGLES ± .5°	
		SCALE NONE	
		SHEET 1 OF 15	

DART 3030 ENTERPRISE CT.,
SUITE A
VISTA, CA. 92081
(760)-724-5300
APICAL INDUSTRIES, INC.
DBA DART AEROSPACE

FLOAT COVER WASHER

REV. 652.7700 PR11

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ORIGINAL DATE 07-24-19		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY S. HAUER	CHECKED P. BRAVO	APICAL INDUSTRIES, INC. DART AEROSPACE	
DRAWING APPROVAL P. BRAVO 07-24-19		CONTRACT NO.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		SHEET B 07M26	DWG. NO. 652.7700
SCALE NONE		REV. PR11	
SHEET 14 OF 15			

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					